

#5 217



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## RAW SEQUENCE LISTING

DATE: 02/26/2002

PATENT APPLICATION: US/09/918,156A

TIME: 14:35:02

Input Set : N:\Crf3\02142002\I918156.raw

Output Set: N:\CRF3\02262002\I918156A.raw

1 <110> APPLICANT: Barany, Francis  
 2 Lubin, Matthew  
 3 <120> TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING  
 4 COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS  
 5 <130> FILE REFERENCE: 19603/448  
 6 <140> CURRENT APPLICATION NUMBER: US/09/918,156A  
 7 <141> CURRENT FILING DATE: 2001-07-30  
 8 <150> PRIOR APPLICATION NUMBER: 60/018,532  
 9 <151> PRIOR FILING DATE: 1996-05-29  
 10 <150> PRIOR APPLICATION NUMBER: 08/864,473  
 11 <151> PRIOR FILING DATE: 1997-05-28  
 12 <150> PRIOR APPLICATION NUMBER: 09/440,523  
 13 <151> PRIOR FILING DATE: 1999-11-15  
 14 <160> NUMBER OF SEQ ID NOS: 76  
 15 <170> SOFTWARE: PatentIn Ver. 2.1  
 17 <210> SEQ ID NO: 1  
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 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Artificial Sequence  
 21 <220> FEATURE:  
 22 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe  
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 29 <212> TYPE: DNA  
 30 <213> ORGANISM: Artificial Sequence  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe  
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 34 <400> SEQUENCE: 2  
 35 cagatggggc cgaagatcct gttattgata catagtgcgg tagttggc 48  
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 38 <211> LENGTH: 48  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Artificial Sequence  
 41 <220> FEATURE:  
 42 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe  
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 47 <210> SEQ ID NO: 4

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61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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68 <211> LENGTH: 46
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71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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78 <211> LENGTH: 52
79 <212> TYPE: DNA
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81 <220> FEATURE:
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85 cacgctatcc cgtagacat ctagtaatt gaggtgcgtg tttgtgcctg tc 52
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98 <211> LENGTH: 49
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:

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102 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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106                                     49
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110 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
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115     ctctatccag aaaacacggt gggccgctac atagtgcggt agttggc
116                                     47
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119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
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124     ggagcacgct atcccgttag ac
125                                     22
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129 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
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139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence:
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144                                     22
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146 <211> LENGTH: 27
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149 <220> FEATURE:
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153     gcatagtggg ggctgacctg ttcatat
154                                     27
155 <210> SEQ ID NO: 15
156 <211> LENGTH: 22

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159 <220> FEATURE:
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168 <213> ORGANISM: Artificial Sequence
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179 <220> FEATURE:
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192 <400> SEQUENCE: 18
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195 <210> SEQ ID NO: 19
196 <211> LENGTH: 19
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence:
201     Oligonucleotide Sequence
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203     ggggacagcc atgcactga                                    19
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206 <211> LENGTH: 24
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence:

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211      Oligonucleotide Sequence
212 <400> SEQUENCE: 20
213      gcctctggta gcctttcaac cata                                24
215 <210> SEQ ID NO: 21
216 <211> LENGTH: 19
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence:
221      Oligonucleotide Sequence
222 <400> SEQUENCE: 21
223      ggggacagcc atgcactgc                                19
225 <210> SEQ ID NO: 22
226 <211> LENGTH: 25
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence:
231      Oligonucleotide Sequence
232 <400> SEQUENCE: 22
233      ttagaaatca tcaagcctag gtcac                                25
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236 <211> LENGTH: 26
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence:
241      Oligonucleotide Sequence
242 <400> SEQUENCE: 23
243      caccttttag cttcctgagc aatgat                                26
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246 <211> LENGTH: 25
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248 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
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251      Oligonucleotide Sequence
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258 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
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261      Oligonucleotide Sequence
262 <400> SEQUENCE: 25
263      gggtgtattt gtcacatat taatta                                26
265 <210> SEQ ID NO: 26

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VERIFICATION SUMMARY

DATE: 02/26/2002

PATENT APPLICATION: US/09/918,156A

TIME: 14:35:03

Input Set : N:\Crf3\02142002\I918156.raw

Output Set: N:\CRF3\02262002\I918156A.raw